



STIC Search Report

EIC 2100

STIC Database Tracking Number: 140123

TO: Neveen Abel-Jalil
Location: RND 3A20
Art Unit : 2165
Monday, December 13, 2004

Case Serial Number: 09/991551

From: Carol Wong
Location: EIC 2100
RND - 4A30
Phone: 272-3513

carol.wong@uspto.gov

Search Notes

Dear Examiner Abel-Jalil,

Attached are the search results (from commercial databases) for your case.

Color tags mark the patents/articles which appear to be most relevant to the case. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in RND-4B28.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,
Carol





9:00

STIC EIC 2100 104123 Search Request Form

Today's Date: 12/10/04

What date would you like to use to limit the search?

Priority Date: 10/29/99 Other:

Name NEVEEN AREL-TALL

Format for Search Results (Circle One):

AU 2165 Examiner # 79755

PAPER ☐ DISK ☒ EMAIL ☐

Room # 3A20 Phone 571-272-4074

Where have you searched so far?

Serial # 09/991,551

☒ USP ☐ DWPI ☐ EPO ☐ JPO ☐ ACM ☐ IBM TDB
☐ IEEE ☐ INSPEC ☐ SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) ☒ YES ☐ NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

NPL
Search

periodically soliciting usage information of vehicles
separate field

Current Total Distance driven

Business distance driven

personal distance

personal credit

Report generation

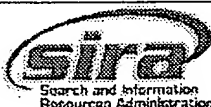
Regular Business intervals

STIC Searcher Carol Wong

Phone 272-8513

Date picked up 12-13

Date Completed 12-13-04



File 348:EUROPEAN PATENTS 1978-2004/Dec W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	542410	DRIV??? ? OR DROVE? ?
S2	7918	S1(5N) (DISTANCE OR DISTANCES)
S3	1636	S1(5N) (MILE OR MILES OR MILEAGE? OR MI OR MIS OR KILOMET???
		? OR KM OR KMS)
S4	120619	PERSONAL OR PLEASURE
S5	59321	BUSINESS
S6	1846274	REPORT? ? OR SPREADSHEET? OR SPREAD()SHEET? ?
S7	3108	S4(10N)S5
S8	4	S7(25N)S2:S3
S9	15327	IC='G06F-017/30':IC='G06F-017/48'
S10	24168	IC='G06F-017/60':IC='G06F-017/61'
S11	118	S2:S3 AND S9:S10
S12	40	S2:S3(25N)S6
S13	3	S12 AND S9:S10
S14	2	S13 NOT S8
S15	27	S2:S3 AND S9
S16	26	S15 NOT (S14 OR S8)

? t8/5/3

8/5/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00802118 **Image available**

METHOD AND SYSTEM FOR TRACKING EQUIPMENT USAGE INFORMATION
PROCEDE ET SYSTEME DE SUIVI DES INFORMATIONS SUR L'UTILISATION D'UN
EQUIPEMENT

Patent Applicant/Assignee:

GELCO CORPORATION, Three Capital Drive, Eden Prairie, MN 55344, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KERKINNI Fuat J, 16899 Jasper Circle, Lakeville, MN 55044, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PADMANBHAN Devan V (et al) (agent), Dorsey & Whitney LLP, Pillsbury
Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200135679 A2-A3 20010517 (WO 0135679)

Application: WO 2000US41617 20001026 (PCT/WO US0041617)

Priority Application: US 99162396 19991029

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7951

English Abstract

The present invention relates to a method and system for receiving,
storing, compiling and reporting usage information for equipment such as
leased vehicles, automobiles, construction equipment. The method may
include the use of a server, a communication pathway, a user interface
device, and a database.

French Abstract

La presente invention concerne un procede et un systeme permettant de
recevoir, de stocker et de rassembler des informations sur l'utilisation
d'equipements, tels que des vehicules de location, des voitures et des
engins de chantier, ainsi que d'etablir un rapport concernant ces
informations. Ce procede peut comprendre l'utilisation d'un serveur,
d'une voie de communication, d'un dispositif d'interface utilisateur et
peut comprendre une base de donnees.

Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be
republished upon receipt of that report.

Examination 20010920 Request for preliminary examination prior to end of
19th month from priority date
Search Rpt 20020110 Late publication of international search report
Republication 20020110 A3 With international search report.
? t8/5, k/4

8/5, K/4 (Item 3 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00280340

SYSTEM FOR RECORDING EXPENSE-TYPE INFORMATION IN COMBINATION WITH
INFORMATION PERTAINING TO ONE OR MORE OPERATING CHARACTERISTICS OF A
VEHICLE

SYSTEME D'ENREGISTREMENT D'INFORMATIONS RELATIVES AUX DEPENSES EN
ASSOCIATION A DES INFORMATIONS CONCERNANT UNE OU PLUSIEURS
CARACTERISTIQUES DE FONCTIONNEMENT D'UN VEHICULE

Patent Applicant/Assignee:

TRANSPORTATION RECORDING SYSTEMS INC,

Inventor(s):

CARMODY C Scott,

KRON Gregory M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9428518 A1 19941208

Application: WO 94US6122 19940601 (PCT/WO US9406122)

Priority Application: US 9377 19930602

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AT AU BB BG BR BY CA CN CZ DK FI GE HU JP KG KP KR KZ LK LU LV MD MG MN

MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN AT BE CH DE DK ES FR

GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G07C-005/08

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4345

English Abstract

A system for monitoring certain vehicle operating information and recording other data includes a vehicle interface unit (22) permanently mounted to a vehicle, and a data recorder unit (20) removably interconnectable with the vehicle interface unit (22). The vehicle interface unit (22) receives signals from the vehicle through the vehicle's interface connector (24), such as signals pertaining to distance traveled and other operating characteristics, e.g. operation of headlights, directional signals, brakes, or seat belts, and such signals are communicated through a communications link to the data recorder unit (20). The data recorder unit (20) includes a memory (250) in which such information is stored, and the data recorder unit (20) can be disconnected from the vehicle interface unit (22) and interconnected with an external device such as a computer (100) or printer (102) for outputting information stored in the memory (250). The data recorder unit (20) can also be used to store other information, such as pertaining to business expenses or the like. The data recorder unit (20) allows an operator to designate whether the miles traveled by the vehicle are for business or personal use, thus enabling the operator to keep close track of business or personal use of the vehicle and other expenses incurred by the operator. Information stored in the data recorder unit (20) can either be printed out on a printer (102) or download into a computer

(100) for generating a subsequent printed report.

French Abstract

Un systeme permettant de controler certaines informations de fonctionnement d'un vehicule et d'enregistrer d'autres donnees comprend une unite d'interface de vehicule (22) montee en permanence dans un vehicule, une unite d'enregistrement de donnees pouvant etre interconnectee de maniere amovible a l'unite d'interface du vehicule (22). L'unite d'interface de vehicule (22) recoit des signaux provenant du vehicule par l'intermediaire du connecteur d'interface (24) avec le vehicule, tels que des signaux relatifs a la distance parcourue et a d'autres caracteristiques de fonctionnement, par exemple le fonctionnement des phares, les clignotants, les freins ou les ceintures de securite, et ces signaux sont communiquees par l'intermediaire d'une liaison de communication a l'unite enregistreuse de donnees (20). L'unite (20) comprend une memoire (250) dans laquelle de telles informations sont memorisees, et l'unite enregistreuse de donnees (20) peut etre deconnectee de l'unite d'interface (22) du vehicule et interconnectee a un dispositif externe tel qu'un ordinateur (100) ou une imprimante (102) pour sortir des informations stockees dans la memoire (250). L'unite d'enregistrement des donnees (20) peut egalement etre utilisee pour stocker d'autres informations concernant par exemple des depenses professionnelles commerciales ou autres. L'unite d'enregistrement de donnees (20) permet a un operateur de savoir si les kilometres parcourus par le vehicule sont pour une utilisation professionnelle ou personnelle, ceci permettant a l'operateur de suivre de pres l'utilisation du vehicule pour des raisons professionnelles ou pour des raisons personnelles, ainsi que d'autres depenses encourues par l'operateur. Des informations stockees dans l'unite d'enregistrement de donnees (20) peuvent etre imprimees a l'aide d'une imprimante (102) ou telechargees dans un ordinateur (100) pour fournir ensuite un rapport imprime.

Fulltext Availability: Detailed Description

Detailed Description ... operator.

The operator then depresses P/B/C key 82 to select whether the **mileage** to be **driven** is **personal**, **business** or for commuting, and such information is communicated to DRU microcontroller 184 and a corresponding...

? t8/5,k/1-2

8/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00654787

ABSTRACT EP 629978 A1

A system for monitoring certain vehicle operating information and recording other data includes a vehicle interface unit (22) permanently mounted to a vehicle, and a data recorder unit (20) removably interconnectable with the vehicle interface unit (22). The vehicle interface unit (22) receives signals from the vehicle through the vehicle's interface connector (24), such as signals pertaining to distance travelled and other operating characteristics, e.g. operation of headlights, directional signals, brakes or seat belts, and such signals are communicated through a communications link to the data recorder unit (20). The data recorder unit (20) includes a memory in which such information is stored, and the data recorder unit (20) can be disconnected from the vehicle interface unit (22) and interconnected with an external device such as a computer or printer for outputting information stored in the memory. The data recorder unit (20) can also be used to store other information, such as pertaining to business expenses or the like. (see image in original document)

ABSTRACT WORD COUNT: 166

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 950809 A1 Date of filing of request for examination:
950615

Withdrawal: 970702 A1 Date on which the European patent application
was deemed to be withdrawn: 970103

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	769
SPEC A	(English)	EPABF2	3266
Total word count - document A			4035
Total word count - document B			0
Total word count - documents A + B			4035

...SPECIFICATION the operator. The operator then depresses P/B/C key 82 to select whether the **mileage** to be **driven** is **personal**, **business** or for commuting, and such information is communicated to DRU microcontroller 184 and a corresponding...

duplicate

16/5,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01051398 **Image available**

A METHOD FOR PROVIDING INFORMATION AND RECOMMENDATIONS BASED ON USER ACTIVITY

PROCEDE POUR FOURNIR DES INFORMATIONS ET DES RECOMMANDATIONS SUR LA BASE DES ACTIVITES D'UN UTILISATEUR

Inventor(s):

GOTTFURCHT Grant E, 1020 Monument Streetl, Pacific Palisades, CA 90272, US,

DUNN Shawn C, 1441 Midvale Avenue #7, Los Angeles, CA 90024, US,

Patent Applicant/Inventor:

GOTTFURCHT Elliot A, 1018 Hartzell Street, Pacific Palisades, CA 90272, US, US (Residence), US (Nationality)

Legal Representative:

COESTER Thomas M (et al) (agent), Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200381473 A1 20031002 (WO 0381473)

Application: WO 2002US8759 20020321 (PCT/WO US0208759)

Priority Application: WO 2002US8759 20020321

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17109

English Abstract

A method for providing recommendations to a user based on user activity. A plurality of activity data tracking a plurality of activities of a user is obtained. The activity data may be obtained over a wide area network such as the Internet or downloaded from a data card (30) which stores activity data whenever the user participates in an activity. The activity data is either stored on the data card (26) or transmitted over the network (14) whenever the user uses a card when participating in any activity such as when making a purchase of goods, paying for services, watching television, etc. The activity data is processed to identify a plurality of user patterns. The user patterns are used to form a user profile (48) and may include user habit data. Recommendations specific to the user based on the user patterns are then created for and provided to the user. The recommendations are provided to a user when the user logs onto a computer network such as the Internet. Electronic mail, electronic pager or other methods may alsalso provide the recommendations. The recommendations are provided by various data analysis techniques including rule based inference engines and other forms of artificial intelligence.

French Abstract

Procede pour fournir des recommandations a un utilisateur sur la base des activites de l'utilisateur, qui comporte les etapes consistant a obtenir une pluralite de donnees d'activites decrivant une pluralite d'activites d'un utilisateur, ces donnees pouvant etre obtenues par un reseau etendu tel que l'Internet, ou telechargees a partir d'une carte de donnees (30) stockant des donnees d'activite lorsque l'utilisateur participe a une activite ; a stocker les donnees d'activite sur la carte de donnees (26) ou a les transmettre sur le reseau (14) lorsque l'utilisateur emploie une carte pour participer a une activite telle que l'achat de marchandises, le paiement de services, regarder la television, etc. ; a traiter les donnees d'activite afin d'identifier une pluralite de motifs d'utilisateur, ces motifs servant a former un profil d'utilisateur (48) et pouvant comprendre des donnees relatives aux habitudes de l'utilisateur ; a produire des recommandations specifiques d'utilisateur sur la base de ces motifs, et a les fournir a l'utilisateur lorsque ce dernier ouvre une session sur un reseau informatique tel que l'Internet, ou par des procedes tels que courrier electronique, radiomessageur electronique, etc.. Ces recommandations sont fournies a l'aide de diverses techniques d'analyse de donnees, y compris des moteurs d'inference a base de regles et d'autres formes d'intelligence artificielle.

Legal Status (Type, Date, Text)

Publication 20031002 A1 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... is driven, for what period of time the vehicle is in operation, and for what **distance** the vehicle is **driven** . In a related embodiment, the data card is used as an access device such that...

16/5,K/10 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01045205 **Image available**

CONTENT BANK FOR OBJECTS

BANQUE DE CONTENU POUR OBJETS

Patent Applicant/Assignee:

ACCENTURE GLOBAL SERVICES GMBH, Accenture Global Services Gmbh,
Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen, CH, CH (Residence),
CH (Nationality)

Inventor(s):

SHAH Baiju, 972 Parkplace Drive, Palatine, IL 60067, US,
HORNER Ryan C, 636 Hinman Avenue, Apt. 1E, Evanston, IL 60202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200375180 A2-A3 20030912 (WO 0375180)

Application: WO 2003IB1565 20030304 (PCT/WO IB03001565)

Priority Application: US 200290550 20020304

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK

SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/30**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16390

English Abstract

A content bank for objects hosts all information regarding an object and serves as a proxy for that object. The content bank comprises at least one instance of a digital identity corresponding the object. Object identity modules or services are available through the digital identity instance. Via the content bank system, the digital identity instance receives object-related information from a source and targeted to a specific service. Conversely, the digital identity instance also serves to determine when object-related information should be provided to a third party by a given service, or when object-related information needs to be manipulated by one or more services. A multi-mode interface is available for third parties to communicate with the digital identity instance. In this manner, third parties are not only able to access data regarding an object, but are actually able to communicate with an object via the digital identity instance.

French Abstract

L'invention concerne une banque de contenu pour des objets, qui contient toutes les informations associees a un objet et qui sert de serveur mandataire pour cet objet. Cette banque de contenu comprend au moins une instance d'une identite numerique correspondant a l'objet. Des modules ou des services d'identite d'objet sont disponibles au moyen de ladite instance d'identite numerique. Par l'intermediaire du systeme de banque de contenu, ladite instance d'identite numerique recoit des informations associees a l'objet qui proviennent d'une source et qui sont ciblees vers un service specifique. Reciproquement, ladite instance d'identite numerique sert egalement a determiner lorsque des informations associees a un objet doivent etre fournies a une tierce partie par un service donne, ou lorsque des informations associees a un objet doivent etre manipulees par un ou plusieurs services. Une interface multimode est disponible pour que les tierces parties puissent communiquer avec ladite instance d'identite numerique. De cette maniere, les tierces parties peuvent non seulement acceder a des donnees associees a un objet, mais peuvent egalement communiquer avec un objet par l'intermediaire de ladite instance d'identite numerique.

Legal Status (Type, Date, Text)

Publication 20030912 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20040226 Late publication of international search report

Republication 20040226 A3 With international search report.

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... or network that stores a variety of information such as the hours used, error codes, **miles driven**, seat availability, gas tank level, etc. The bus 200 may include computer executable instructions for...
?

File 9:Business & Industry(R) Jul/1994-2004/Dec 10
 (c) 2004 The Gale Group
 File 13:BAMP 2004/Dec W1
 (c) 2004 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2004/Dec 13
 (c) 2004 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2004/Dec 13
 (c) 2004 The Gale group
 File 88:Gale Group Business A.R.T.S. 1976-2004/Dec 09
 (c) 2004 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2004/Dec 13
 (c)2004 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2004/Dec 13
 (c) 2004 The Gale Group
 File 570:Gale Group MARS(R) 1984-2004/Dec 13
 (c) 2004 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Dec 13
 (c) 2004 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Dec 13
 (c) 2004 The Gale Group
 File 649:Gale Group Newswire ASAP(TM) 2004/Dec 06
 (c) 2004 The Gale Group
 File 75:TGG Management Contents(R) 86-2004/Nov W4
 (c) 2004 The Gale Group
 File 485:Accounting & Tax DB 1971-2004/Dec W1
 (c) 2004 ProQuest Info&Learning

Set	Items	Description
S1	4475669	DRIV??? ? OR DROVE? ?
S2	12580	S1(5N) (DISTANCE OR DISTANCES)
S3	40153	S1(5N) (MILE OR MILES OR MILEAGE? OR MI OR MIS OR KILOMET???
		? OR KM OR KMS)
S4	3160624	PERSONAL OR PLEASURE
S5	35323566	BUSINESS
S6	7490785	REPORT? ? OR SPREADSHEET? OR SPREAD() SHEET? ?
S7	249052	S4(10N)S5
S8	158	S7(S)S2:S3
S9	9	S8(S)S6
S10	41	S8/2000:2004
S11	117	S8 NOT S10
S12	79	RD (unique items)

12/3,K/23 (Item 10 from file: 47)
 DIALOG(R)File 47:Gale Group Magazine DB(TM)
 (c) 2004 The Gale group. All rts. reserv.

03087659 SUPPLIER NUMBER: 06323104 (USE FORMAT 7 OR 9 FOR FULL TEXT)
To lease or not to lease. (economic considerations for leasing cars and trucks)
 Candler, Julie
 Nation's Business, v76, n5, p30(4)
 May, 1988
 CODEN: NBUSA ISSN: 0028-047X LANGUAGE: ENGLISH RECORD TYPE:
 FULLTEXT
 WORD COUNT: 2915 LINE COUNT: 00227

... the trouble of keeping records of personal use. Their forms include data lines on which **drivers** record both **personal** and **business mileage** , so that the lessor can give customers a statistical report.

In full-service truck leasing...

12/3,K/25 (Item 12 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

02729792 SUPPLIER NUMBER: 03971125 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Just for the record. (computerized radio maps and more) (fleet cars)
Reach, Beverly
Sales & Marketing Management, v135, p103(1)
Oct 7, 1985
CODEN: SMMAD ISSN: 0163-7517 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 606 LINE COUNT: 00046

... car and not have to watch street signs.
Three companies sell devices that automatically record **miles driven** and categorize them under such headings as **personal** use, **business**, medical, and charitable. The companies are Milog, Salt Lake City; Miletrack, Longwood, FL; and Auto...

...Orinda, CA. Although Congress modified the contemporaneous recordkeeping law (see page 100), detailed substantiation of **miles driven** for business purposes is recommended for tax purposes.
"Salespeople aren't thinking about recordkeeping, they...

...car, you simply press a button for the category in which you will be driving-- **business**, **personal**, charity, or medical --and the computer logs your mileage and gives a printout of **miles driven** in each category.'
For business deductions the Mileage Logger printout provides a trip log of...

12/3,K/48 (Item 20 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

02487681 SUPPLIER NUMBER: 04006338 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The survivability factor. (Technology today and tomorrow)
McPhillips, Paul
Best's Review - Property-Casualty Insurance Edition, v86, p76(5)
Nov, 1985
ISSN: 0161-7745 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3161 LINE COUNT: 00251

... provides agents with permanent daily printed records of miles driven and categorizes them as either **business**, charity, medical or **personal** miles. It also provides monthly, quarterly and annual summaries of **miles driven**.

12/3,K/52 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01481643
Larry Clark, Vice President of Marketing for Mobile Technology, Inc, a Colorado based electronics firm, announced the release of the company's

new product, the.

NEWS RELEASE September 4, 1986 p. 11

... computer's use. An individual can define any number of mileage accounts within categories of **business**, **personal**, medical or charitable uses of his or her **personal** vehicle. This can be for expense reports and reimbursements, client billings, or I.R.S...

... to the use of each vehicle, (who used it, from which department, when, how many **miles** were **driven**, was it used for personal trips, if so, what percentage, etc.), can also use the...

? t12/3,k/54,79

12/3,K/54 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01207863 SUPPLIER NUMBER: 06168322 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Lotus-compatible software products. (Listings)

Lotus, v3, n11, p173(2)

Nov, 1987

ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 941 LINE COUNT: 00078

... Analyzer

Piks Software, 613 Durham Dr., Port Richey, FL 33568, 813-869-1213. Designed for **business** or **personal** automobile-trip planning, this program calculates **mileage**, **driving** time, amount and cost of fuel, and more. Menu-driven worksheet application for 1-2...

12/3,K/79 (Item 22 from file: 485)

DIALOG(R)File 485:Accounting & Tax DB

(c) 2004 ProQuest Info&Learning. All rts. reserv.

** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 **

00180244

Milog Eliminates Need to Keep Bothersome Records of Mileage

O'Neal, Nan

Rocky Mountain Business Journal v36 n50s1 PP: 10 Sep 9, 1985

JRNL CODE: ROCK

WORD COUNT: 350 LINE COUNT: 32

Accounting & Tax DB_1971-2004/Dec W1

...TEXT: the Milog even prints a summary of the day's trips and a percentage of **miles driven** for **business**, charity, medical and **personal** purposes. On New Year's Eve, the Milog prints a summary of the entire year...

?

) duplicate

File 696:DIALOG Telecom. Newsletters 1995-2004/Dec 10
(c) 2004 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2004/Dec 11
(c) 2004 ProQuest Info&Learning
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Sep
(c) 2004 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2004/Dec W1
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
(c) 2004 The HW Wilson Co
File 608:KR/T Bus.News. 1992-2004/Dec 13
(c) 2004 Knight Ridder/Tribune Bus News
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Dec 13
(c) 2004 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2004/Dec 11
(c) 2004 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2004/Dec 13
(c) 2004 Business Wire.
File 369:New Scientist 1994-2004/Nov W4
(c) 2004 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 20:Dialog Global Reporter 1997-2004/Dec 13
(c) 2004 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2004/Dec 13
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Dec 11
(c) 2004 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2004/Nov W4
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Nov W4
(c) 2004 IDG Communications
File 637:Journal of Commerce 1986-2004/Dec 10
(c) 2004 Commonwealth Bus. Media

Set	Items	Description
S1	4897973	DRIV??? ? OR DROVE? ?
S2	16920	S1(5N) (DISTANCE OR DISTANCES)
S3	56171	S1(5N) (MILE OR MILES OR MILEAGE? OR MI OR MIS OR KILOMET???) ? OR KM OR KMS)
S4	3586933	PERSONAL OR PLEASURE
S5	16436229	BUSINESS
S6	9307517	REPORT? ? OR SPREADSHEET? OR SPREAD() SHEET? ?
S7	222763	S4(10N)S5
S8	135	S7(S)S2:S3
S9	52	S8/2000:2004
S10	83	S8 NOT S9
S11	66	RD (unique items)
? t11/9/52		

11/9/52 (Item 5 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0006860 85-06860

Milog Eliminates Need to Keep Bothersome Records of Mileage

O'Neal, Nan

Rocky Mountain Business Journal (Denver, CO, US), V36 N50 s1 p10

PUBL DATE: 850909

JOURNAL CODE: ROCK DOCUMENT TYPE: Newspaper article

WORD COUNT: 350

DATELINE: US

TEXT:

A few years ago, a Utah salesman, Lynn Wilkey, got a message from the Internal Revenue Service that they'd like to take a closer look at his business expenses. Wilkey was a salesman, on the road a lot, but when the IRS audited his records, the agency threw out a good portion of his deduction for business travel.

Wilkey wrote a check for his mistake, but he also dreamed up a computerized device that would keep him from making the same mistake again.

With the help of an engineer friend, Cevin Ormond, Wilkey invented the Milog, a compact computer that can be mounted in the interior of an automobile to record mileage for business, charity, medical or personal trips.

Operated by a microprocessor and calibrated to the car's wheel rotations per mile, the Milog automatically logs mileage and prints out a tally of each trip. At the end of the day, the Milog even prints a summary of the day's trips and a percentage of **miles driven for business**, charity, medical and **personal** purposes. On New Year's Eve, the Milog prints a summary of the entire year's travel.

In November 1984, Wilkey and his brother Randall formed Milog Inc. to produce the logger, and two months ago they began shipping the first ones off the assembly line. The machine sells for \$399.95.

According to the Randall Wilkey, the company's director of marketing, the machine provides all the IRS requires to substantiate travel deductions.

"The IRS is not in the habit of giving endorsements," Wilkey said, "But we have contacts within the IRS in Washington so that we know our trip log on the Milog gives all the information the IRS requires."

All the driver has to do is push a button. If the trip is for business, the driver enters that category into the calculator-sized device. Just about the only thing the machine can't do is guard the conscience of the driver.

If the driver wants to cheat on his tax return, there's no machine that can prevent it, Wilkey said.

"It won't make people honest or dishonest. If they're going to cheat they will, with or without the Milog. It just makes record-keeping easier," Wilkey said.

Copyright Scripps-Howard Business Publications 1985

COMPANY NAMES: Milog Inc, UT, US, SIC:3573,

CLASSIFICATION CODES: 8651 (Computer industry); 5220 (Data processing management); 4210 (Institutional taxation)

DESCRIPTORS: Computers; Business expenses; Inventions; Computer industry; Tax deductions

NAMED PERSONS: Wilkey, Lynn; Wilkey, Randall; Ormond, Cevin
SPECIAL FEATURE: Photo
?

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
 (c) 2004 JPO & JAPIO
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479
 (c) 2004 Thomson Derwent
 File 348:EUROPEAN PATENTS 1978-2004/Dec W01
 (c) 2004 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20041209,UT=20041202
 (c) 2004 WIPO/Univentio

Set	Items	Description
S1	0	AU=KERKINI F?
S2	4	AU=KERKINNI F?

2/9/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2004 Thomson Derwent. All rts. reserv.

013967218 **Image available**
 WPI Acc No: 2001-451432/200148
 XRPX Acc No: N01-334267

System for tracking equipment usage information such as miles driven by a leased vehicle which may use the Internet or telephone interactive voice response systems

Patent Assignee: GELCO CORP (GELC-N); KERKINNI F J (KERK-I)

Inventor: **KERKINNI F J**

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200135679	A2	20010517	WO 2000US41617	A	20001026	200148 B
AU 200126198	A	20010606	AU 200126198	A	20001026	200152
US 20020107833	A1	20020808	US 99162396	A	19991029	200254
			WO 2000US41617	A	20001026	
			US 2001991551	A	20011116	

Priority Applications (No Type Date): US 99162396 P 19991029; US 2001991551 A 20011116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200135679	A2	E	33	H04Q-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200126198	A			H04Q-000/00	Based on patent WO 200135679
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US 20020107833	A1			G06F-007/00	Provisional application US 99162396
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Cont of application WO 2000US41617

Abstract (Basic): WO 200135679 A2

NOVELTY - An individual customer may access the Internet (110) by typing in the appropriate address and log on (114) to the database server by entering a password. A function is then selected (116), for selecting or removing previously entered data (124), request a report (126) or request to enter new data (128).

DETAILED DESCRIPTION - Usage information may be displayed (132) for equipment, new data can be entered (120), a report can be sent (136) or a check can be made on the entered date (122) before a new function is selected (138) or the user logs off (140).

AN INDEPENDENT CLAIM is included for;

i) a method for tracking usage information for an automobile
ii) a method for tracking usage information for equipment using a server
iii) a system for tracking usage information for equipment using a user interface device.
USE - Recording, storing, controlling and reporting usage of equipment such as miles driven by a leased car.
ADVANTAGE - Reduced processing costs for a leasing customer.
DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of steps taken by a user to log on and input information.
Access to Internet (110)
Log on (114)
Function selection (116)
New data entry (120)
Check entered date (122)
Selecting or removing previous data (124)
Report request (126)
New data entry request (128)
Display of equipment usage (132)
Send report (136)
New function selected (138)
User log off (140)
pp; 33 DwgNo 5/11

Title Terms: SYSTEM; TRACK; EQUIPMENT; INFORMATION; MILE; DRIVE; VEHICLE; TELEPHONE; INTERACT; VOICE; RESPOND; SYSTEM
Derwent Class: T01; T05; W01; X22
International Patent Class (Main): G06F-007/00; H04Q-000/00
File Segment: EPI
Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A2; T01-J05B4P; T05-G01; W01-A06B7; W01-C05B5C; X22-E; X22-E05
? t2/ti/2

2/TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Cuff measuring device for tailors
? t2/5/3-4

2/5/3 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01302242

METHOD AND SYSTEM FOR TRACKING EQUIPMENT USAGE INFORMATION
PROCEDE ET SYSTEME DE SUIVI DES INFORMATIONS SUR L'UTILISATION D'UN EQUIPEMENT

PATENT ASSIGNEE:

Gelco Corporation, (3332170), Three Capital Drive, Eden Prairie, MN 55344, (US), (Applicant designated States: all)

INVENTOR:

KERKINNI, Fuat, J. , 16899 Jasper Circle, Lakeville, MN 55044, (US)
PATENT (CC, No, Kind, Date):

WO 2001035679 010517

APPLICATION (CC, No, Date): EP 2000989725 001026; WO 2000US41617 001026

PRIORITY (CC, No, Date): US 162396 P 991029

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010711 A2 International application. (Art. 158(1))
Application: 010711 A2 International application entering European
phase
Application: 030102 A2 International application. (Art. 158(1))
Appl Changed: 030102 A2 International application not entering European
phase
Withdrawal: 030102 A2 Date application deemed withdrawn: 20020530
LANGUAGE (Publication,Procedural,Application): English; English; English

2/5/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00802118 **Image available**

METHOD AND SYSTEM FOR TRACKING EQUIPMENT USAGE INFORMATION
PROCEDE ET SYSTEME DE SUIVI DES INFORMATIONS SUR L'UTILISATION D'UN
EQUIPEMENT

Patent Applicant/Assignee:

GELCO CORPORATION, Three Capital Drive, Eden Prairie, MN 55344, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KERKINNI Fuat J , 16899 Jasper Circle, Lakeville, MN 55044, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PADMANBHAN Devan V (et al) (agent), Dorsey & Whitney LLP, Pillsbury
Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200135679 A2-A3 20010517 (WO 0135679)

Application: WO 2000US41617 20001026 (PCT/WO US0041617)

Priority Application: US 99162396 19991029

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7951

English Abstract

The present invention relates to a method and system for receiving,
storing, compiling and reporting usage information for equipment such as
leased vehicles, automobiles, construction equipment. The method may
include the use of a server, a communication pathway, a user interface
device, and a database.

French Abstract

La presente invention concerne un procede et un systeme permettant de
recevoir, de stocker et de rassembler des informations sur l'utilisation
d'equipements, tels que des vehicules de location, des voitures et des
engins de chantier, ainsi que d'etablir un rapport concernant ces

informations. Ce procede peut comprendre l'utilisation d'un serveur, d'une voie de communication, d'un dispositif d'interface utilisateur et peut comprendre une base de donnees.

Legal Status (Type, Date, Text)

Publication	20010517	A2 Without international search report and to be republished upon receipt of that report.
Examination	20010920	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20020110	Late publication of international search report
Republication	20020110	A3 With international search report.

File 6:NTIS 1964-2004/Dec W1
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 2:INSPEC 1969-2004/Dec W1
(c) 2004 Institution of Electrical Engineers

File 8:Ei Compendex(R) 1970-2004/Nov W4
(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W1
(c) 2004 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/Nov
(c) 2004 ProQuest Info&Learning

File 63:Transport Res(TRIS) 1970-2004/
(c) fmt only 2004 Dialog Corp.

File 65:Inside Conferences 1993-2004/Dec W1
(c) 2004 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2004/Nov W1
(c)2004 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
(c) 2004 The HW Wilson Co.

File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Dec 09
(c) 2004 The Gale Group

File 144:Pascal 1973-2004/Dec W1
(c) 2004 INIST/CNRS

File 202:Info. Sci. & Tech. Abs. 1966-2004/Nov 02
(c) 2004 EBSCO Publishing

File 256:TecInfoSource 82-2004/Nov
(c) 2004 Info.Sources Inc

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 266:FEDRIP 2004/Sep
Comp & dist by NTIS, Intl Copyright All Rights Res

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 483:Newspaper Abs Daily 1986-2004/Dec 11
(c) 2004 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

Set	Items	Description
S1	1482285	DRIV??? ? OR DROVE? ?
S2	4619	S1(5N) (DISTANCE OR DISTANCES)
S3	7148	S1(5N) (MILE OR MILES OR MILEAGE? OR MI OR MIS OR KILOMET???
		? OR KM OR KMS)
S4	867036	PERSONAL OR PLEASURE
S5	1574811	BUSINESS
S6	4460447	REPORT? ? OR SPREADSHEET? OR SPREAD() SHEET? ?
S7	53418	S4 AND S5
S8	25	S7 AND S2:S3
S9	13	S8/2000:2004
S10	12	S8 NOT S9
S11	11	RD (unique items)
S12	401	S2:S3 AND S5
S13	0	S12 AND (SPREADSHEET? OR SPREAD() SHEET?)
S14	7	S2:S3 AND (SPREADSHEET? OR SPREAD() SHEET?)
S15	2	S14/2000:2004
S16	5	S14 NOT (S15 OR S8)
S17	4	RD (unique items)
S18	1110	S2:S3 AND S6

S19	196	S2 AND S3
S20	22	S19 AND S6
S21	9	S20/2000:2004
S22	13	S20 NOT (S21 OR S8 OR S14)
S23	13	RD (unique items)

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200479

(c) 2004 Thomson Derwent

Set	Items	Description
S1	1850422	DRIV??? ? OR DROVE? ?
S2	8133	S1(5N) (DISTANCE OR DISTANCES)
S3	425	S1(5N) (MILE OR MILES OR MILEAGE? OR MI OR MIS OR KILOMET???) ? OR KM OR KMS)
S4	200611	PERSONAL OR PLEASURE
S5	492975	BUSINESS
S6	35214	REPORT? ? OR SPREADSHEET? OR SPREAD() SHEET? ?
S7	1243	S4(10N)S5
S8	4	S7 AND S2:S3
S9	71422	IC='G06F-017/30':IC='G06F-017/39'
S10	15700	MC='T01-J05B4P'
S11	3	S2:S3 AND S9:S10
S12	3	S11 NOT S8
S13	165363	IC='G06F-017/60':IC='G06F-017/693'
S14	18388	MC='T01-J05A2'
S15	5	S4 AND S5 AND S2:S3
S16	1	S15 NOT (S8 OR S12)
S17	23	S2:S3 AND S6
S18	32	S2:S3 AND S13:S14
S19	1	S17 AND S18
S20	0	S19 NOT (S8 OR S12 OR S16)
S21	22	S17 NOT (S9 OR S12 OR S16)

8/9/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014834412 **Image available**
WPI Acc No: 2002-655118/200270
XRPX Acc No: N02-517642

Vehicle mileage tracking system has tripmeter that determines and stores
business and personal mileages based on respective door unlock signals

Patent Assignee: CALLAGHAN T S (CALL-I)
Inventor: CALLAGHAN T S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6434510	B1	20020813	US 99358661	A	19990721	200270 B

Priority Applications (No Type Date): US 99358661 A 19990721

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6434510	B1	9	G01C-021/00	

Abstract (Basic): US 6434510 B1

NOVELTY - A receiver (15) mounted in the vehicle, receives two different door unlock signals. A vehicle tripmeter coupled to the receiver and an odometer (40), determines and stores **business** and **personal** mileages during vehicle travel based on respective door unlock signals received by the receiver.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Vehicle mileage storage and display system; and
- (2) Mileage display system.

USE - For tracking vehicle mileage during **business** and **personal** trips.

ADVANTAGE - Enables user to wait until convenient time to download mileage data for a given tax period, ensuring accurate tracking of **business** and **personal** mileages. Allows calculation of percentages of **miles** that the vehicle is **driven** for business purpose during any given tax year. Helps in reimbursing the driver for each trip, automatically and accurately.

DESCRIPTION OF DRAWING(S) - The figure shows the electrical circuit diagram in block form of tripmeter.

Receiver (15)
Odometer (40)
pp; 9 DwgNo 2/3

Title Terms: VEHICLE; MILE; TRACK; SYSTEM; DETERMINE; STORAGE; BUSINESS;
PERSON; BASED; RESPECTIVE; DOOR; UNLOCK; SIGNAL

Derwent Class: S02; T01; X22

International Patent Class (Main): G01C-021/00

File Segment: EPI

Manual Codes (EPI/S-X): S02-B08; T01-J08A; X22-E05

8/9/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014300246 **Image available**
WPI Acc No: 2002-120950/200216
XRPX Acc No: N02-090701

Mobile vehicle monitoring, recording and analyzing system determines mileage of vehicle during trip, from data samples and in absence of driver input, attributes mileage data to business or personal account

Patent Assignee: DAIMLERCHRYSLER CORP (DAIM)

Inventor: MARKOW P A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6301533	B1	20011009	US 99425545	A	19991022	200216 B

Priority Applications (No Type Date): US 99425545 A 19991022

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6301533	B1		6 G06F-007/00	

Abstract (Basic): US 6301533 B1

NOVELTY - Sensors (16,20) are provided to sense mileage data of the vehicle. A central processing unit (24) determines the mileage of the vehicle during a trip, from the data samples stored in a data storage unit (32). The determined mileage is attributed to a **business** account or to a **personal** account based on the data samples corresponding to the trip end point, in the absence of a driver input.

USE - For monitoring, recording and analyzing the information of mobile vehicles.

ADVANTAGE - By uploading the information to the tracking system, the tracking system is tailored to individual user. Thus various waypoints are networked to various other users as when person's responsibilities for a geographical area are transferred to another person. The usage of the vehicles which automatically collects data pertaining to a trip is monitored effectively.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of a vehicle.

Sensors (16,20)
Central processing unit (24)
Data storage unit (32)
pp; 6 DwgNo 1/2

Title Terms: MOBILE; VEHICLE; MONITOR; RECORD; SYSTEM; DETERMINE; MILE; VEHICLE; TRIP; DATA; SAMPLE; ABSENCE; DRIVE; INPUT; ATTRIBUTE; MILE; DATA ; BUSINESS; PERSON; ACCOUNT

Derwent Class: T01

International Patent Class (Main): G06F-007/00

International Patent Class (Additional): G06F-019/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-H07C3; T01-J05A; T01-J06B1; T01-J07C

8/9/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011256739

WPI Acc No: 1997-234642/199721

XRPX Acc No: N97-194050

Mileage charging device - includes CPU which writes driving mileage and fee onto personal card which stores personal password data and business condition

Patent Assignee: WEY J (WEYJ-I)

Inventor: WEY J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 297884	A	19970211	TW 93110458	A	19931209	199721 B

Priority Applications (No Type Date): TW 93110458 A 19931209

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 297884	A		G06F-007/00	

Abstract (Basic): TW 297884 A

A mileage charging apparatus includes a CPU for processing data operation, storage, display etc. A **personal** information card stores **personal** password data and **business** condition, by being inserted via read/write slot of the mileage charging device connecting with CPU, and through one data bus accessed by CPU.

The CPU writes **driving mileage** and fee into the personal card. Multiple control buttons enable the mileage charging device operation, making CPU electrically contact with the personal card. A display panel displays **driving mileage** and fee.

Title Terms: MILE; CHARGE; DEVICE; CPU; WRITING; DRIVE; MILE; FEE; PERSON; CARD; STORAGE; PERSON; PASSWORD; DATA; BUSINESS; CONDITION

Derwent Class: T01

International Patent Class (Main): G06F-007/00

International Patent Class (Additional): G06F-013/10; G06F-019/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-H01B3A; T01-J05A

? t12/9/3

12/9/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013967218 **Image available**
WPI Acc No: 2001-451432/200148
XRPX Acc No: N01-334267

**System for tracking equipment usage information such as miles driven
by a leased vehicle which may use the Internet or telephone interactive
voice response systems**

Patent Assignee: GELCO CORP (GELC-N); KERKINNI F J (KERK-I)

Inventor: KERKINNI F J

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200135679	A2	20010517	WO 2000US41617	A	20001026	200148 B
AU 200126198	A	20010606	AU 200126198	A	20001026	200152
US 20020107833	A1	20020808	US 99162396	A	19991029	200254
			WO 2000US41617	A	20001026	
			US 2001991551	A	20011116	

Priority Applications (No Type Date): US 99162396 P19991029; US 2001991551
A 20011116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200135679	A2	E	33	H04Q-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200126198	A			H04Q-000/00	Based on patent WO 200135679
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US 20020107833	A1			G06F-007/00	Provisional application US 99162396
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Cont of application WO 2000US41617

Abstract (Basic): WO 200135679 A2

NOVELTY - An individual customer may access the Internet (110) by
typing in the appropriate address and log on (114) to the database
server by entering a password. A function is then selected (116), for
selecting or removing previously entered data (124), request a report
(126) or request to enter new data (128).

DETAILED DESCRIPTION - Usage information may be displayed (132) for
equipment, new data can be entered (120), a report can be sent (136) or
a check can be made on the entered date (122) before a new function is
selected (138) or the user logs off (140).

AN INDEPENDENT CLAIM is included for;

i) a method for tracking usage information for an automobile
ii) a method for tracking usage information for equipment using a
server
iii) a system for tracking usage information for equipment using a
user
interface device.

USE - Recording, storing, controlling and reporting usage of
equipment such as **miles driven** by a leased car.

ADVANTAGE - Reduced processing costs for a leasing customer.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of steps
taken by a user to log on and input information.

Access to Internet (110)
Log on (114)
Function selection (116)
New data entry (120)
Check entered date (122)
Selecting or removing previous data (124)
Report request (126)
New data entry request (128)
Display of equipment usage (132)
Send report (136)
New function selected (138)
User log off (140)
pp; 33 DwgNo 5/11
Title Terms: SYSTEM; TRACK; EQUIPMENT; INFORMATION; MILE; DRIVE; VEHICLE;
TELEPHONE; INTERACT; VOICE; RESPOND; SYSTEM
Derwent Class: T01; T05; W01; X22
International Patent Class (Main): G06F-007/00; H04Q-000/00
File Segment: EPI
Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A2; **T01-J05B4P** ; T05-G01;
W01-A06B7; W01-C05B5C; X22-E; X22-E05
?

21/9/22 (Item 13 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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004653440

WPI Acc No: 1986-156782/198625

XRPX Acc No: N86-116615

**Microprocessor controlled journey logger for motor vehicle - prints
report using data read from memory on driver card inserted via front
slot**

Patent Assignee: MANNESMANN KIENZLE GMBH (MANS); MUTZ G (MUTZ-I)

Inventor: MUTZ G

Number of Countries: 011 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3505068	C	19860619	DE 3505068	A	19850214	198625 B
EP 191413	A	19860820	EP 86101501	A	19860205	198634
US 4644368	A	19870217	US 86830517	A	19860214	198709
ES 8702012	A	19870301	ES 551626	A	19860204	198715
EP 191413	B	19911218				199151
DE 3682912	G	19920130				199206

Priority Applications (No Type Date): DE 3505068 A 19850214

Cited Patents: A3...8735; DE 3010681; DE 3240773; DE 3319115; DE 3319881;

DE 3407954; EP 129949; EP 20158; No.SR.Pub; US 4338512; WO 8202785

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 3505068	C		10		
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EP 191413	A	G			
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Designated States (Regional): AT CH DE FR GB IT LI NL SE

EP 191413	B				
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Designated States (Regional): AT CH DE FR GB IT LI NL SE

Abstract (Basic): DE 3505068 C

The logger has the microprocessor connected to a timer, the memory for logged data and driver data forming part of the card which can be inserted, and a printer. Changes in the drivers working state can be manually entered via keys and transferred to the card memory with data from the time generator.

When the driver's data card is inserted via the slot in the front of the unit the tabular journey **report** is printed using data read from the memory on the card. Speed values are entered at intervals of the order of 1 second into a region of card memory. Printing is triggered when a certain number of data sets have been stored.

USE/ADVANTAGE - Records speed, **distance**, working period etc. for **driver**, employer and regulating authority **reports** are printed with correct timings.

Abstract (Equivalent): EP 191413 B

Tachograph for motor vehicles, having a microprocessor for determining travel data such as distance and speed from generator signals, having a time/date generator connected to the microprocessor, for the supply of work time data, such as driving time or rest time, etc., having data cards assigned to the drivers and insertable in the tachograph, and having a printing device, characterized in that each data card (6,7) has a data memory (34) in which, in addition to already stored driver-specific data, the travel data and the work time data may also be stored, in that means (9, 10) are provided through which changes in the working state of a driver may be entered by hand in the tachograph and are transferred, together with the work time data supplied by the time/date generator, to the data memory (34) of the data card (6,7), and in that by introducing a printing carrier (3) into an

introduction slot (2) constructed on the front side of the tachograph the printout of a travel log in tabular form is triggered, the data of which is read from the data memory (34) of the data card (6,7). (13pp)
Abstract (Equivalent): US 4644368 A

The tachograph writes work data for motor vehicle work into a microprocessor-controlled EE-PROM semiconductor memory mounted on a movable data card carried by the driver. A printing device prints out the content of a data card memory in the form of a tabular drive record in plain language. The face of the tachograph includes receiving slots located next to one another for the data cards of a driver and a co-driver, as well as a line display for guiding the driver as to how to key in information.

A front slot in the face of the tachograph receives an unimprinted paper sheet. Two keys enter the work times, while the functions concerning the print-out of the driving record are controllable with a keyboard on the basis of information on the line display. (11pp) o

Title Terms: MICROPROCESSOR; CONTROL; JOURNEY; LOG; MOTOR; VEHICLE; PRINT;
REPORT ; DATA; READ; MEMORY; DRIVE; CARD; INSERT; FRONT; SLOT

Derwent Class: S02; T05; X22

International Patent Class (Additional): G01D-009/28; G01P-001/12;
G07C-005/08

File Segment: EPI

Manual Codes (EPI/S-X): S02-G09; T05-G01; X22-E

?

? t21/9/12,15-16,22

21/9/12 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016280768 **Image available**
WPI Acc No: 2004-438663/200441
Related WPI Acc No: 2004-326723
XRPX Acc No: N04-346983

Mobile vehicle data monitoring method, involves comparing stops to pre-authorized tax-deductible stops, reporting distance traveled between pre-authorized stops and presenting graphical depiction of route superimposed on map

Patent Assignee: ADVANCED TRACKING TECHNOLOGIES INC (ADTR-N)

Inventor: GLASS P M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6741933	B1	20040525	US 2000748886	A	20001227	200441 B

Priority Applications (No Type Date): US 2000748886 A 20001227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6741933	B1	25	G01C-021/00	

Abstract (Basic): US 6741933 B1

NOVELTY - The method involves monitoring and storing a route including stops of a vehicle in a vehicle location subsystem, and downloading the route to an assigned remote base unit. The stops are compared to a table of pre-authorized tax-deductible stops. A distance traveled between the pre-authorized stops is reported. A graphical depiction of the route superimposed on a map is presented.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for monitoring data for a mobile vehicle.

USE - Used for monitoring a vehicle that includes an electronic system used to track a location of the vehicle.

ADVANTAGE - The method provides integrated software for the collection and reporting of data concerning mileage and vehicle use for tax purposes. The method provides document of actual **mileage**, stops, and/or routes **driven** for use as the documentation for tax-deductible mileage and/or for reimbursement of vehicle use. The method provides less expensive mobile units to communicate and store data through global positioning system (GPS) and connect directly to a base unit or PC for data transfer.

DESCRIPTION OF DRAWING(S) - The drawing shows a logical flowchart to data flow including the tax-deductible tabulation for reporting of a satellite to mobile unit.

GPS data signals (120)

Mobile unit (122)

Base computer (124)

Wireless radio transceiver (134)

Hard wire cable connection (136)

pp; 25 DwgNo 1A/8

Title Terms: MOBILE; VEHICLE; DATA; MONITOR; METHOD; COMPARE; STOP; PRE; AUTHORISE; TAX; STOP; **REPORT**; DISTANCE; TRAVEL; PRE; AUTHORISE; STOP; PRESENT; GRAPHICAL; ROUTE; SUPERIMPOSED; MAP

Derwent Class: S02; T01; T07; W06; X22

International Patent Class (Main): G01C-021/00

International Patent Class (Additional): G01S-005/00; G06G-007/78;

G08G-001/123
File Segment: EPI
Manual Codes (EPI/S-X): S02-B08E; S02-B08G; T01-J07D3; T07-A05; W06-A03A5C;
X22-E06B

21/9/15 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014604360 **Image available**
WPI Acc No: 2002-425064/200245
XRPX Acc No: N02-334204

Driving data tracking system for driver of motor carrier, accesses
software program from Internet for processing driving data received from
portable computing device through wireless communication system
Patent Assignee: TURNPIKE GLOBAL TECHNOLOGIES INC (TURN-N); WARKENTIN C D
(WARK-I)

Inventor: WARKENTIN C D
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020035421	A1	20020321	US 2000232605	P	20000914	200245 B
			US 2001951449	A	20010914	
CA 2357397	A1	20020314	CA 2357397	A	20010914	200245

Priority Applications (No Type Date): US 2000232605 P 20000914; US
2001951449 A 20010914

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020035421	A1		9	G06F-019/00	Provisional application US 2000232605

CA 2357397 A1 E G06F-017/40

Abstract (Basic): US 20020035421 A1

NOVELTY - A portable computing device associated with a vehicle driver, has a memory for storing data related to the driver. A software program is accessible from the Internet for processing the driving data received from the portable computing device through a wireless communication system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Driving data tracking method;
- (b) Portable device

USE - For tracking data such as hours of service data, fuel and miles tax data related to drivers of motor carriers such as hire and private truckload carriers, in transportation industry.

ADVANTAGE - Achieves significant reduction in cost by utilizing the Internet as the primary communication infrastructure. Automatically collects the information related to the driver, thus relieving clients from the task of generating internal reports, maintaining and storing data, and eliminating the need to purchase expensive computer systems.

DESCRIPTION OF DRAWING(S) - The figure shows a sample display of the data collection device.

pp; 9 DwgNo 3/4

Title Terms: DRIVE; DATA; TRACK; SYSTEM; DRIVE; MOTOR; CARRY; ACCESS;
SOFTWARE; PROGRAM; PROCESS; DRIVE; DATA; RECEIVE; PORTABLE; COMPUTATION;
DEVICE; THROUGH; WIRELESS; COMMUNICATE; SYSTEM

Derwent Class: T01; W01; X22

International Patent Class (Main): G06F-017/40; G06F-019/00

International Patent Class (Additional): G01C-021/26; G08C-017/00

File Segment: EPI
Manual Codes (EPI/S-X): T01-C03C; T01-F06; T01-J07D1; T01-N01D; T01-N02A2;
W01-B05A1; W01-C05B4; X22-X06

21/9/16 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014095854 **Image available**
WPI Acc No: 2001-580068/200165
XRPX Acc No: N01-431863

System for tracking vehicle, e.g. truck, and driver location, mileage and time to generate associated reports , detects vehicle state and shifts to low power use mode when vehicle is in non-mobile state

Patent Assignee: CAMP R G (CAMP-I); RUNYON D (RUNY-I)

Inventor: CAMP R G; RUNYON D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010020204	A1	20010906	US 2000519821	A	20000306	200165 B
			US 2001796243	A	20010228	

Priority Applications (No Type Date): US 2001796243 A 20010228; US
2000519821 A 20000306

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010020204	A1		9	G06F-007/00	CIP of application US 2000519821

Abstract (Basic): US 20010020204 A1

NOVELTY - A central processor (14) connected to a mileage signal generator such as a GPS receiver that receives a signal corresponding to mileage traveled on a vehicle and stores in a memory. A detector connected to a power supply and the mileage signals generator detects the vehicle state and sets vehicle tracking system to low power use mode, when the vehicle is in non-mobile state. The system includes a SMART card writer connected to a central processor for writing the signal to the card for storage on the SMART card.

USE - For use in trucking industry to detect vehicle and **driver** location, **mileage** and time and generating **reports** from them.

ADVANTAGE - Improves power management of vehicle tracking system by settling the system to low power use mode when vehicle is in non-mobile state thereby reducing cost. The system performance is improved as vehicle **mileage** and **driver** time is accurately tracked and reported.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of the vehicle mileage tracking system.

on-board device (12)

Central processor (14)

pp; 9 DwgNo 4/6

Title Terms: SYSTEM; TRACK; VEHICLE; TRUCK; DRIVE; LOCATE; MILE; TIME;
GENERATE; ASSOCIATE; **REPORT** ; DETECT; VEHICLE; STATE; SHIFT; LOW; POWER;
MODE; VEHICLE; NON; MOBILE; STATE

Derwent Class: T01; T03; W04; W05; W06; X22

International Patent Class (Main): G06F-007/00

International Patent Class (Additional): G11B-015/46

File Segment: EPI

Manual Codes (EPI/S-X): T01-E; T03-E03A; W04-B04B3C; W05-D03D; W05-D07D;
W06-A03A5; X22-E05; X22-P05